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- (71) Applicant (*for all designated States except US*): THE UNIVERSITY COURT OF THE UNIVERSITY OF ST ANDREWS [GB/GB]; College Gate, North Street, St Andrews, Fife KY16 9AJ (GB).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): BUCK, Manfred [DE/GB]; 35b Sunnyside, Strathkinness KY16 9XP (GB). CYGANIK, Piotr [PL/DE]; Graf-Engelbert Str. 34, 44791 Bochum (DE).
- (74) Agents: NAISMITH, Robert, Stewart et al.; Marks & Clerk, 19 Royal Exchange Square, Glasgow G1 3AE (GB).

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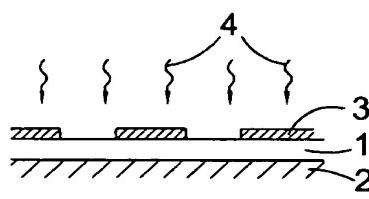
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(54) Title: PATTERNING METHODS AND PRODUCTS



(57) Abstract: The present invention provides a process for producing a surface-modified layer system comprising a substrate (2) and a self-assembled monolayer (SAM) (1) anchored to its surface. The SAM (1) is comprised by aryl or rigid alicyclic moiety species. The process comprises providing a polymorphic SAM (1) anchored to the substrate (2), and thermally treating (4) the SAM to change from a first to a second structural form thereof. The invention also provides a thermolithographic form of process in which the thermal treatment (4) is used to transfer a pattern (3) to the SAM (1), which is then developed.